

# PRE-CERCLIS SCREENING DATA ENTRY FORM

EPA I.D. NUMBER:

FORM ISSUED DATE: 10/18/2012

NAME OF FACILITY: Balbach Smelting & Refining Co.

STREET: 63 Park Row

CITY: New York

ZIP CODE: 10038

COUNTY:

STATE: NY

LATITUDE: + 40.71201

Indicate  for Northern Hemisphere

LONGITUDE: -74.00348

Indicate  for Western Hemisphere

Accuracy meters: +/- 3

Collection method: ArcGIS

Reference datum: NAD83

Reference point: Facility Center

Source map scale: 1:10000

Point/line/area: Point

Collection date:

Verification method:

Source:

NPL STATUS: Non-NPL

SITE TYPE MAIN CATEGORIES:

SITE TYPE MAIN SUBCATEGORIES:

SITE DESCRIPTION: (500 characters or 70 words)

The location of the alleged former secondary lead smelting facility was historically zoned for commercial use through the early 1900's and is now occupied by municipal/private buildings, paved roadway, and bridge embankment structures

and exit/on ramps. According to historical aerial photography of the city block, a facility containing a furnace or stack was not visible. Because of the frequent changes and construction that has taken place in the location in question, it is unknown if any of the original soils or potential contaminants exist anymore (having been filled, mixed, or removed). Additionally, there is minimal soil exposure at the site; buildings, sidewalks, roads, and embankments cover the area.

## INFORMATION FOR ENTERING PRE-CERCLIS SCREENING ACTION:

- |                          |  |
|--------------------------|--|
| 1) OU Field:             | 2) Action Name: Pre-CERCLIS Screening  |
| 3) Lead:                 | 4) Actual Completion Date:<br>(ENTER THE DATE OF THE EPA CONCURRENCE SIGNATURE ON<br>SITE RECOMMENDATION PAGE OF PRE-CERCLIS SCREENING FORM)   |
| 5) Non-NPL Status Field: | <div>⤴ Not a Valid Site or Incident ⤴⤴</div> <div>⤴ Not a Valid Site or Incident: RCRA Lead ⤴⤴</div> <div>⤴ Not a Valid Site or Incident: NRC Lead ⤴⤴</div> <div>⤴ Not a Valid Site or Incident: State Lead ⤴⤴</div> <div>⤴ Not a Valid Site or Incident: Tribal Lead ⤴⤴</div> |

Complete the following checklist. If "yes" is marked, please explain below.

	YES	NO
1. Does the site already appear in CERCLIS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance releases have occurred, EPA approved risk assessment completed)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please explain all "yes" answer(s), attach additional sheets if necessary:

Question 1: The site was added to CERCLIS due to its inclusion on the list of possible former secondary smelters (see below).

**Site Determination:**

- ☐ Enter the site into CERCLIS. Further assessment is recommended (explain below).
- ☒ The site is not recommended for placement into CERCLIS (explain below).

**DECISION/DISCUSSION/RATIONALE:**

The property was included in a list of hundreds of locations nationwide where secondary lead smelting or alloying might have been conducted between 1931 and 1964. The list was originally compiled by William P. Eckel in a doctoral dissertation for George Mason University, and was based on entries in historical trade publications. The research was summarized in the article "Discovering Unrecognized Lead-Smelting Sites by Historical Methods" (Eckel et al., 2001), which was published in the American Journal of Public Health. Based on review of additional historical documents, including city directories and Sanborn® fire insurance maps, as well as an evaluation of current circumstances, EPA is attempting to identify if further investigation is warranted to evaluate possible public health threats associated with Balbach Smelting & Refining Co.

Based on the lack of evidence that lead smelting occurred at this address and the absence of residential exposed soil downwind of the subject property, the Balbach Smelting & Refining Co. site is not recommended for further assessment under CERCLA.

Regional EPA Reviewer: Andrew Fessler 10/18/2012

Print Name/Signature Date

State Agency/Tribe: \_\_\_\_\_

